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Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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12/15/00

# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.	2400-563
First Inventor or Application Identifier	Ward et al.
Title	METHOD OF REMOTELY ACTUATING A MEMBRANE SWITCH BY ATTRACTIVE OR REPULSIVE MAGNETIC FORCE
Express Mail Label No.	EL659734864US

12/15/00

12/15/00

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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- ☒ \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- ☒ Specification [Total Pages 16]  
(preferred arrangement set forth below)
  - Descriptive title to the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
- ☒ Oath or Declaration [Total Pages 2]
  - ☒ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
- ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
- ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

- ☐ Microfiche Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Copy
  - ☐ Paper Copy (identical to computer copy)
  - ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS	
8.	<input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
9.	<input checked="" type="checkbox"/> 37 C.F.R. § 3.73(b) Statement of Attorney (when there is an assignee)
10.	<input type="checkbox"/> English Translation Document (if applicable)
11.	<input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Citations
12.	<input type="checkbox"/> Preliminary Amendment
13.	<input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14.	<input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired
15.	<input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.	<input type="checkbox"/> Other: _____

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary statement:

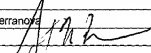
<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No. _____
Prior application information:			Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label  24112 or ☒ Correspondence address below

(Insert Customer Number or Bar Code Label here)

NAME	COATS & BENNETT, P.L.L.C.		
ADDRESS	P.O. Box 5		
CITY	Raleigh	STATE	NC
COUNTRY	USA	TELEPHONE	919-854-1844
		ZIP CODE	27602
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Name (Print/Type)	Steven N. Terrance	Registration No. (Attorney/Agent)	43,185
Signature		Date	Dec. 15, 2000

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## FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1

These are the fees effective November 10, 1998.

Small Entity payments must be supported by a small entity statement.  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

Complete if Known

Application Number TBA  
Filing Date 12/12/2000  
First Named Inventor Ward et al.  
Examiner Name TBA  
Group Art Unit TBA  
Attorney Docket No. 2400-563

TOTAL AMOUNT OF PAYMENT (\$902.00)



### METHOD OF PAYMENT (check one)

1. ☒ The Commission is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 18-1167

Deposit Account Name Coats & Bennett, P.L.C.

☒ Charge Any Additional Fee Required Under 37 CFR §§1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 CFR §1.18 at the Mailing of the Notice of Allowance

☒ Payment Enclosed: ☐ Check ☐ Money Order ☐ Other

### FEE CALCULATION

J. BASIC FILING FEE					
Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	710.00
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	760	208	380	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$710.00)

### 2. EXTRA CLAIM FEES

		Extra Claims		Fee from below		Fee Paid	
Total Claims	24	-20** =	4	X	18.00 =	72.00	
Independent Claims	4	-3** =	1	X	80.00 =	80.00	
Multiple Dependent Claims				X			

\*\* or number previously paid, if greater; For Reissues, see below

Large Fee Code		Entity (\$)		Small Fee Code		Entity (\$)		Fee Description	
103	18	203	9	102	80	202	39	Claims in excess of 20	
104	260	204	130	109	78	209	39	Independent claims in excess of 3	
110	18	210	9					Multiple dependent claim	
					**Reissue independent claims over original patent				
					**Reissue claims in excess of 20 and over original patent				
					SUBTOTAL (2)				
					(\$152.00)				

### FEE CALCULATION (continued)

Large Fee Code	Entity (\$)	Small Fee Code	Entity (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examination action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	670	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt.	
561	40	561	40	Recording each patent assignment per property (times number of properties)	40.00
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)					
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$40.00)

### SUBMITTED BY

Typed or Printed Name Steven N. Terranova  
Signature

Date Dec 15, 2000

### Complete (if applicable)

Reg. Number 43,185  
Deposit Account User ID 18-1167

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

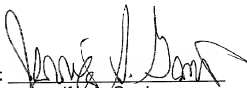
CERTIFICATE OF MAILING/EXPRESS MAIL

"Express Mail" Mailing Label Number EL659734864US

Date of Deposit 12-15-2000

I hereby certify that the enclosed specification and claims for **METHOD OF REMOTELY ACTUATING A MEMBRANE SWITCH BY ATTRACTIVE OR REPULSIVE MAGNETIC FORCE**, drawings, Utility Patent Application Transmittal, Fee Transmittal and duplicate, Declaration, Power Of Attorney, Assignment and Recordation Sheet, and our Check # 3284 in the amount of \$902.00, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Mailed By:

  
Jennifer A. Garrison

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